

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 2    | "382".clas. and (select\$4 near neural adj network\$4) same edge#3                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/30 10:24 |
|       |      | (mirror\$4 near data adj set) and "382".clasl.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/25 11:10 |
|       |      | neural adj network\$4 same interpolat\$4 and "382".clas. and omit\$4 adj4 line\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/24 14:38 |
|       |      | deinterlac\$4 and (neural adj network\$4 same edge adj direction\$4                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/24 08:48 |
|       |      | deinterlac\$4 and (neural adj network\$4 same edge adj direction\$4)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/20 10:14 |
| S2    | 2    | deinterlac\$4 and (neural adj network\$4 same edge adj (direction\$4 or detect\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/20 10:15 |
| S3    | 139  | deinterlac\$4 and edge adj (direction\$4 or detect\$4)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/20 10:16 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S4  | 13   | "5786862"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 10:17 |
| S5  | 9    | "6233365"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 10:28 |
| S6  | 22   | "678422"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 10:28 |
| S7  | 4    | "6798422"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:36 |
| S8  | 9845 | edge adj direction\$4                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:36 |
| S9  | 0    | edge adj direction\$4 and "392.<br>clasl" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:36 |
| S10 | 8    | edge adj direction\$4 and "392".<br>clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:40 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S11 | 62   | edge adj4 direction\$4 and "392". clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:41 |
| S12 | 2003 | edge adj4 direction\$4 and "382". clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:41 |
| S13 | 613  | edge adj direction\$4 and "382". clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:41 |
| S14 | 38   | edge adj direction\$4 and "382". clas. and neural adj network\$4                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:42 |
| S15 | 108  | neural adj network\$4 same interpolat\$4 and "382". clas.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 08:48 |
| S16 | 32   | neural adj network\$4 same interpolat\$4 and "382". clas. and edge with detect\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 11:48 |
| S17 | 1    | 10/735230   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:04 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S18 | 27 | neural adj network\$4 same interpolat\$4 and "382".clas. and edge with detect\$4 and color | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 14:37 |
| S19 | 1  | neural adj network\$4 same interpolat\$4 and "382".clas. and omit\$4 adj4 lines            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 14:39 |
| S20 | 10 | neural adj network\$4 and "382". clas. and omit\$4 adj4 lines                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 14:39 |
| S21 | 4  | neural adj network\$4 and "382". clas. and omit\$4 adj4 lines and interlac\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 14:39 |
| S22 | 1  | neural adj network\$4 and "382". clas. and omit\$4 adj4 lines same interlac\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 14:40 |
| S23 | 4  | neural adj network\$4 and interlace\$4 and "382".clas. and omit\$4 adj4 lines              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 17:11 |
| S24 | 3  | neural adj network\$4 and "382". clas. and deinterlac\$4 same video                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 17:12 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S25 | 64 | "382".clas. and deinterlac\$4 same video   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 17:18 |
| S26 | 57 | ("3976982"   "4070710"  <br>"4121283"   "4152766"  <br>"4156914"   "4172264"  <br>"4180805"   "4214263"  <br>"4240101"   "4240109"  <br>"4258385"   "4267573"  <br>"4271476"   "4355332"  <br>"4357624").PN. OR ("4468688").<br>URPN.            | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/09/25 10:51 |
| S27 | 64 | ("3289164"   "3432674"  <br>"3775602"   "3952186"  <br>"3958232"   "3976982"  <br>"4152766"   "4156914"  <br>"4163249"   "4172264"  <br>"4192004"   "4212061"  <br>"4214263"   "4240101"  <br>"4240109"   "4283765").PN. OR<br>("4631750").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/09/25 10:52 |
| S28 | 14 | ("5381183"   "5454052"  <br>"5682442"   "5754710"  <br>"5761383"   "5867593"  <br>"5886797"   "5903482"  <br>"5933537"   "6075926").PN. OR<br>("6272261").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/09/25 10:53 |
| S29 | 5  | (mirror\$4 near data adj set) and<br>symmetric\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:10 |
| S30 | 91 | (mirror\$4 near data adj set)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:10 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S31 | 1    | (mirror\$4 near data adj set) and "382".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:10 |
| S32 | 1    | (mirror\$4 near data adj set) and neural adj network  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:11 |
| S33 | 91   | (mirror\$4 near data adj set)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:19 |
| S34 | 54   | ("5280627"   "5404527"  <br>"5553239"   "5659748"  <br>"5673384"   "5727206"  <br>"5754821"   "5781910"  <br>"5828876"   "5828889"  <br>"5835784"   "5892913"  <br>"5893086"   "5909540"  <br>"5917998"   "5918229"  <br>"5927050"   "5940838"  <br>"5946686"   "5948109"  <br>"5974547"   "5996075"  <br>"5999712"   "6014669"  <br>"6108781"   "6301462"  <br>"6360331").PN. OR ("6453426").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/09/25 11:16 |
| S35 | 1    | vertical\$4 with mirror\$4 near data adj set  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 11:19 |
| S36 | 4641 | mirror\$4 near data   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 13:12 |

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S37 | 0   | mirror\$4 near data and<br>sysmmetric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/25 13:12 |
| S38 | 1   | (select\$4 near neural adj<br>network\$4) same (edge near<br>detect\$4)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 09:55 |
| S39 | 273 | (select\$4 near neural adj<br>network\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 09:55 |
| S40 | 43  | "382".clas. and (select\$4 near<br>neural adj network\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 09:56 |
| S41 | 10  | "382".clas. and (select\$4 near<br>neural adj network\$4) and edge<br>with (determin\$4 or detect\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 10:23 |
| S42 | 10  | "382".clas. and (select\$4 near<br>neural adj network\$4) and edge<br>with detect\$4                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 10:23 |
| S43 | 43  | "382".clas. and (select\$4 near<br>neural adj network\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 10:24 |

## EAST Search History

|     |   |  |  |    |    |                  |
|-----|---|--|--|----|----|------------------|
| S44 | 1 | "382".clas. and (select\$4 near neural adj network\$4) same edg\$4               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 10:25 |
| S45 | 8 | "382".clas. and (select\$4 near neural adj network\$4) and edg\$4 near detect\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/30 10:25 |